

Remarks

Claims 1-15 are pending in the application. Claims 1-11 and 13-15 are rejected. Claim 12 is objected to and is allowable if rewritten in independent form including all of the limitations of base claim and any intervening claims. Figure 1 is objected to. A Replacement Sheet for Figure 1 is included with this response. No new matter is entered. Claim 1 has been amended to clarify that t and r refer to the number of transmit and receive antennas, respectively, and that L_t and L_r refer to numbers of input and output data streams in the transmitter and receiver, respectively. Claim 1 has also been amended to incorporate all of the limitations of allowable claim 12 and intervening claim 8.

It is believed that this application is now in condition for allowance. A notice to this effect is respectfully requested. Should further questions arise concerning this application, the Examiner is invited to call Applicants' attorney at the number listed below. Please charge any shortage in fees due in connection with the filing of this paper to Deposit Account 50-0749.

Respectfully submitted,
Mitsubishi Electric Research Laboratories, Inc.

By /Dirk Brinkman/
Dirk Brinkman
Attorney for the Assignee
Reg. No. 35,460

201 Broadway, 8th Floor
Cambridge, MA 02139
Telephone: (617) 621-7517
Customer No. 022199